



*Florida Stormwater Association
2022 Award Application*

City of Pompano Beach Stormwater Program



PREPARED FOR

Florida Stormwater Association

DATE

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CONTACT

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PROGRAM DESCRIPTION

The City of Pompano Beach Stormwater Management Program is designed to provide surface water drainage in an environmentally sound, efficient and effective manner.

Our City's stormwater system is currently comprised of approximately 123 miles of underground pipe, swales, water retention areas, canals and lakes. Ultimately, the system discharges surface water and rainwater flows to the Intracoastal Waterway.

GOALS AND OBJECTIVES

The City's Stormwater Division main goal is to maintain annual compliance with our National Pollutant Discharge Elimination System (NPDES) permit.

This compliance goal drives our objectives, which includes pipe lining and cleaning, outfall and catch basin inspections, pollution prevention and system maintenance.

Key performance indicators include but are not limited to:

- 3 additional stormwater systems were added over the last 5 years (Avondale, Esquire Lakes, and Gateway), with an additional stormwater system project to begin in FY 22 (Lyons Park).
- Approximately 427 tons of debris removed before reaching surface waters in FY 2021.

POPULATION

The City of Pompano Beach Utilities Department provides stormwater services to more than 113,000 customers within the City of Pompano Beach across approximately 25 square miles.

OUR TEAM

Our Stormwater Division is comprised of 12 dedicated employees:

- Stormwater Manager
- Utilities System Foreman
- Utilities System Operators I/II/III
- Utilities System Operator Trainees

BUDGET

Fiscal Year (FY)	Budget
FY 2021	\$5,299,432
FY 2022	\$5,599,000

Adequate funding is allocated to ensure that our customers receive superior service by prioritizing preventative maintenance.



Avondale Stormwater Pump Station

GOALS AND OBJECTIVES CONT.

- Nearly 20 miles of pipe cleaned in FY 2021.
- Approximately 1 mile of pipe was lined over the past 5 years, with 2,035 linear feet of pipe lined in FY 2021.
- 8 additional tidal backflow valves were installed in FY 21 to protect against sea level rise, increasing our total inventory to 26.

The City's Utilities Department is also a member of the Broward County Stormwater Group and participates in the Florida Stormwater Association.



Picture Captions (from top to bottom)

Photo 1: Curb Inlet with No Dumping Marker

Photo 2: Pipe Re-Lining Project

Photo 3: Tidal Backflow Valve Installation

OUTREACH

In 2020, the City of Pompano Beach received a grant from Broward County for a Stormwater Drain Art Mural Project. This project beautified the city and educated the public on the impact of discharges into the stormwater conveyance system.

More than 600 residents participated in a stormwater outreach questionnaire via social media, Zoom meetings and outdoor community events to gain an understanding of public knowledge.

27 storm drain mural designs were submitted by the public and voted on by the City's Public Art Committee.

In June 2021, high school students and local volunteers participated in a community storm drain mural painting event. The event included a presentation from the Utilities Department on stormwater education and an overview of how the City's stormwater system works.

Stormwater employees even created a miniature working replica of a French Drain system, which was on display for the event.

In addition, the Utilities Department filmed a stormwater outreach video for use on our City's YouTube Channel and website: <https://www.youtube.com/watch?v=PTr1a6q5pus>

